

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Jeom Jae KIM, et al.

GROUP ART UNIT: 2871

SERIAL NUMBER: 09/598,213

EXAMINER: TBD

FILED: June 21, 2000

FOR: MULTI-DOMAIN LIQUID CRYSTAL DISPLAY DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants wish to disclose the following information. Applicant believes that this filing is being made within three months of the filing of the application and/or before the first Office Action has been issued and therefore no fee or certification is due under 37 C.F.R. 1.97(b).

Should a first action on the merits have been issued on the same day or before this IDS is filed, please accept this IDS under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0911 under our Order No. 8733.20024 and proceed to consider this IDS.

REFERENCES

■ The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

□ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

□ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.

CERTIFICATION

The undersigned certifies that

□ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

PETITION

□ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Respectfully submitted,

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Date:

*April 5, 2001*

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April 5, 2001  
74142

Form PTO 1449

(Modified)

 U.S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK  
OFFICE

APR 05 2001

ATTY. DOCKET NO.: 8733.233.00

SERIAL NO.: 09/598,213

RECEIVED

APPLICANT: Jeom Jae KIM, et al.

APR -6 2001

 LIST OF REFERENCES CITED BY APPLICANT  
(Use Several Sheets if Necessary)

 FILING DATE: June 21, 2000  
2800 MAIL ROOM

GROUP: 2871

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,249,070	05/1993	TAKANO	359	54	
	AB	5,623,354	04/1997	LIEN et al.	349	124	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AC	0 884 626	12/1998	Europe	x
	AD	961 0774	04/1996	WO	x

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER REFERENCES (including patents)			
	AE	A. Lien, R.A. John, Two-Domain TN-LCDs Fabricated by Parallel Fringe Field Method, SID Digest, 1993, pgs. 269-272	
	AF	A. Lien, R.A. John, TFT-Addressed Two-Domain TN VGA Displays Fabricated Using the Parallel Fringe Field Method, SID Digest, 1994, pgs. 594-597	
	AG	N. Koma, Y. Baba, K. Matsuoka, No-Rub Multi-Domain TFT-LCD Using Surrounding-Electrode Method, SID Digest, 1995, pgs. 869-872	
	AH	H. Murai, M. Suzuki, S. Kaneko, Novel High Contrast Random and Controlled 4-Domain CTN-LCDs with Wide Viewing Angle, Euro Display '96, pgs. 159-161	
	AI	Y. Koike, S. Kataoka, T. Sasaki, H. Chida, H. Tsuda, A. Takeda and K. Ohmuro, T. Sasabayashi, K. Okamoto, A Vertically Aligned LCD Providing Super-High Image Quality, IDW '97, pgs. 159-162	
	AJ	N. Koma, R. Nishikawa, Development of a High-Quality TFT-LCD for Projection Displays, SID Digest, 1997, pgs. 461-464	
	AK	K. Ohmuro, S. Kataoka, T. Sasaki, Y. Koike, Development of Super-High Image Quality Vertical Alignment Mode LCD, SID Digest, 1997, pgs. 845-848	
EXAMINER:			DATE CONSIDERED:

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

M-F

\*\*\* APPLICATION INFORMATION DISPLAY \*\*\*  
04/10/01 09:42

DETAIL  
INFORMATION:

CONTENTS:

SC/SN: 09/598213  
FILD7: 06/21/00

PUBNO:

F598213

PATNO:

PUBDT: 00/00/00

ISSDT: 00/00/00

PGPUB CL/SC:

ABNDT: 00/00/00

APPL: KIM

ET AL

LOC: 0300 LOC DT: 09/29/00

BATNO:

CHG-LOC: IE TEAM: 00 ISSNO: 00

CHGTO-NAME: NO NAME FOUND

TOT ACT: 00 STATUS: 019 STADT: 06/27/00

RESP CD: INCD START DT: 08/18/00 DUE DT: 10/17/00

EXMR NO/NAME: 00000/NO NAME FOUND

DOCKET DATE: / / GAU: 2871 L R CD: 01

ATTY DOCK #: 8733.20105 LOST N LOST DT 00/00/00

APPLN TYPE: 2 TYPE SM ENT: 0 UNMAT PET: N

CURR CL/SC: 349/ FOR PRIOR CL: N PET FAOM:

TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL: 0

MULTI-DOMAIN CRYSTAL DISPLAY DEVICE

END OF DISPLAY

TO DISPLAY CONTENTS: PUSH SEND

OTPH

WCO